



SEQUENCE LISTING

<110> Klessig, Daniel F.
Zhang, Shuqun

<120> METHODS OF USING A PATHOGEN-ACTIVATABLE
MAP KINASE TO ENHANCE DISEASE RESISTANCE IN PLANTS

<130> RUT98-0073

<140> 09/623,034

<141> 2000-08-24

<150> PCT/US99/03882

<151> 1999-02-23

<150> 60/075,685

<151> 1998-02-24

<160> 2

<170> FastSEQ for Windows Version 3.0

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 Tyr Met Asp Ala Lys Arg Thr Leu Arg Glu Ile Lys Leu Leu Arg His
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 115 120 125
 Thr Asp Leu His Gln Ile Ile Arg Ser Asn Gln Gly Leu Ser Glu Asp
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 His Cys Gln Tyr Phe Met Tyr Gln Leu Leu Arg Gly Leu Lys Tyr Ile
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 Pro Asn Ile Glu Asn Glu Asn Met Thr Glu Tyr Val Val Thr Arg Trp
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 225 230 235 240
 Lys Pro Leu Phe Gly Gly Lys Asp His Val His Gln Ile Arg Leu Leu
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 Asn Glu Asp Ala Lys Arg Tyr Ile Arg Gln Leu Pro Gln His Pro Arg
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 Gln Gln Leu Ala Glu Val Phe Pro His Val Asn Pro Leu Ala Ile Asp
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 Leu Val Asp Lys Met Leu Thr Phe Asp Pro Thr Arg Arg Ile Thr Val
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 Glu Glu Ala Leu Asp His Pro Tyr Leu Ala Lys Leu His Asp Ala Gly
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 Asp Glu Pro Ile Cys Pro Val Pro Phe Ser Phe Asp Phe Glu Gln Gln
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 Gly Ile Gly Glu Glu Gln Ile Lys Asp Met Ile Tyr Gln Glu Ala Leu
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 Ser Leu Asn Pro Glu Tyr Ala
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